Comparative Statement

BBMP/2018-19/RD/WORK_INDENT30902/CALL-2

Package-04 Improvements to roads and drains in Bhadrappa Layout and Surrounding area in Ward No.08

SNo	Item Name	Unit	Estimate Quantity	Estimate Rate	Total Amount	As Per SR 2018-19 WEF 10/10/2018		MAMATHA RATNAKAR (SREENIVAS CONSTRUCTIONS)		C G CHANDRAPPA (CGC INFRA PROJECTS PRIVATE LIMITED)	
						Rate	Amount	Quoted Rate	Total Amount	Quoted Rate	Total Amount
1	Removing and resetting of footpath slab	Sqm	295.20	132.50	39114.00	208.82	61643.66	127.20	37549.44	140.00	41328.00
2	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.	Sqm	539.80	1738.00	938172.40	2100.00	1133580.00	1668.48	900645.50	1850.00	998630.00
3	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification.	Cum	534.11	202.92	108381.60	233.20	124554.45	194.80	104044.63	210.00	112163.10
4	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	51.26	5348.76	274177.44	5505.64	282219.11	5134.81	263210.36	5500.00	281930.00
5	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design	Cum	146.79	11032.48	1619457.74	7070.20	1037834.66	10591.18	1554679.31	11500.00	1688085.00
6	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Tonne	7.34	64243.42	471546.70	75809.08	556438.65	61673.68	452684.81	67000.00	491780.00
7	Removing and resetting of kerb stones	No.	1762.15	65.72	115808.50	104.94	184920.02	63.09	111174.04	70.00	123350.50
8	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete.	No.	948.85	331.78	314809.45	432.48	410358.65	318.51	302218.21	340.00	322609.00
9	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm	427.00	63.60	27157.20	84.80	36209.60	61.06	26072.62	65.00	27755.00
10	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications.	Cum	319.20	164.76	52591.39	138.86	44324.11	158.17	50487.86	190.00	60648.00

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						Rate	Amount	Quoted Rate	Total Amount	Quoted Rate	Total Amount
11	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications.	Cum	319.20	1768.08	564371.14	2001.28	638808.58	1697.36	541797.31	1950.00	622440.00
12	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications.	Sqm	1276.80	27.56	35188.61	36.04	46015.87	26.46	33784.13	30.00	38304.00
13	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	5992.10	3.18	19054.88	5.30	31758.13	3.05	18275.91	4.00	23968.40
14	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	14537.80	12.72	184920.82	14.84	215740.95	12.21	177506.54	14.00	203529.20
15	Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification	Cum	363.45	7120.02	2587771.27	7768.74	2823548.55	6835.22	2484260.71	7750.00	2816737.50
16	Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications.	Cum	290.76	8118.54	2360546.69	8980.32	2611117.84	7793.80	2266125.29	9300.00	2704068.00
17	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	165.75	542.72	89955.84	454.74	75373.16	521.01	86357.41	580.00	96135.00
	Total Summary Amount										
	% against Estimated Rate				**9803025.66**		**10314445.99**		**9410874.08**		**10653460.70**
	% against CSR 2018-19 WEF: 10/10/2018								**-4.00**		**8.68**
	Total Bid Amount								**-8.76**		**3.29**
								9410874.08 (L1)		**10653460.70 (L2)**	

Executive Engineer